



SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Wayner, E.A.  
(ii) TITLE OF INVENTION: INHIBITION OF LYMPHOCYTE ADHERENCE TO VASCULAR ENDOTHELIUM

(iii) NUMBER OF SEQUENCES: 12

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Christensen, O'Connor, Johnson and Kindness  
(B) STREET: 2800 Pacific First Center, 1420 Fifth Avenue  
(C) CITY: Seattle  
(D) STATE: Washington  
(E) COUNTRY: USA  
(F) ZIP: 98101-2347

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage  
(B) COMPUTER: IBM PC/386 Compatible  
(C) OPERATING SYSTEM: MS-DOS 4.01  
(D) SOFTWARE: Word for Windows-t

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 07/814,873  
(B) FILING DATE: December 24, 1991

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 07/402,389  
(B) FILING DATE: September 1, 1989

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Sundsmo, John, S.  
(B) REGISTRATION NUMBER: 34,446  
(C) REFERENCE/DOCKET NUMBER: CYTE-1-6162

(ix) TELECOMMUNICATION INFORMATION

(A) TELEPHONE: 1-206-682-8100; 1-206-224-0727 (direct)  
(B) TELEFAX: 1-206-224-0779  
(C) TELEX: 4938023

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 46 amino acids  
(B) TYPE: amino acid  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: polypeptide

(A) DESCRIPTION: fibronectin IIICS domain; Fig. 9A; DELPQ

LVTLP HPNLH GPEIL DVPST VQKTP FVTHP GYDTG NGIQL P

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Asp	Glu	Leu	Pro	Gln	Leu	Val	Thr	Leu	Pro	His	Pro	Asn	Leu	His
			5						10				15	
Gly	Pro	Glu	Ile	Leu	Asp	Val	Pro	Ser	Thr	Val	Gln	Lys	Thr	Pro
			20						25				30	
Phe	Val	Thr	His	Pro	Gly	Tyr	Asp	Thr	Gly	Asn	Gly	Ile	Gln	Leu
			35						40				45	
Pro														
46														

(3) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 amino acids  
(B) TYPE: amino acid  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: polypeptide

(A) DESCRIPTION: CS-1 domain; Fig. 9A; DELPQ LVTLP HPNLH GPEIL

DVPST

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His  
5 10 15  
Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
20 25

(3) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: polypeptide

(A) DESCRIPTION: CS-2 domain; Fig. 9A; VPSTV QKTPF VTHPG YDTGN

GIQLP

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Val Pro Ser Thr Val Gln Lys Thr Pro Phe Val Thr His Pro Gly  
5 10 15  
Tyr Asp Thr Gly Asn Gly Ile Gln Leu Pro  
20 25

(3) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 13 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(A) DESCRIPTION: A13; Fig. 9B; DELPQ LVTLP HPN

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn  
5 10

(3) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(A) DESCRIPTION: B12; Fig. 9B; LHGPE ILDVP ST

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Leu His Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
5 10

(3) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(A) DESCRIPTION: GPEIL DVPST

(ix) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Gly Pro Glu Ile Leu Asp Val Pro Ser Thr  
5 10

(3) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8 amino acids

(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:EILDV PST  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
Glu Ile Leu Asp Val Pro Ser Thr  
5  
(3) INFORMATION FOR SEQ ID NO:8:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH:6 amino acids  
(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:LDVPST  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
Leu Asp Val Pro Ser Thr  
5  
(3) INFORMATION FOR SEQ ID NO:9:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH:4 amino acids  
(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:VPST  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
Val Pro Ser Thr  
4  
(3) INFORMATION FOR SEQ ID NO:10:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH:5 amino acids  
(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:EILDV  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
Glu Ile Leu Asp Val  
5  
(3) INFORMATION FOR SEQ ID NO:11:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH:3 amino acids  
(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:LDV  
(ix) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
Leu Asp Val  
3  
(3) INFORMATION FOR SEQ ID NO:12:  
(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH:4 amino acids  
(B) TYPE:amino acid  
(D) TOPOLOGY:linear  
(ii) MOLECULE TYPE:peptide  
(A) DESCRIPTION:RGDS (control)

C1 (ix) SEQUENCE DESCRIPTION: SEQ ID NO:12  
Arg Gly Asp Ser  
4

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